

Message Text

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51

ACTION OES-05

INFO OCT-01 EUR-12 ISO-00 FEA-01 ACDA-10 CIAE-00 INR-07

IO-10 L-02 NSAE-00 NSC-05 RSC-01 /054 W

----- 014542

R 101715Z DEC 74

FM USMISSION EC BRUSSELS

TO AEC GERMANTOWN 1375

INFO SECSTATE WASHDC 7962

AMEMBASSY PARIS

UNCLAS EC BRUSSELS 9695

PASS TO H. BROWN, DR.; R. P. DENISE, LTR; A. S. FRIEDMAN, DIP; E.
KINTNER, RRD; H. C. KOUTS, RSR; G. MERCER, RRD, L. M. MUNTZING,
DR; T. NEMZEK, RRD

E.O. 11652: N/A

TAGS: STECH, F

SUBJECT: PHENIX REACTOR STATUS

1. THE PHENIX REACTOR IS NOW OPERATING AT 270 MWE, ALMOST EIGHT PERCENT ABOVE NOMINAL RATED POWER. THE INCREASED POWER WAS MADE POSSIBLE WHEN SEVERAL DUMMY AND EXPERIMENTAL SUBASSEMBLIES WERE REPLACED WITH FRESH FUEL DURING THE LATE OCTOBER FUEL HANDLING OPERATION. THE LARGER CORE TEMPORARILY ALLOWS FOR INCREASED THERMAL OUTPUT WHILE MAINTAINING SPECIFIC POWER AND OTHER CORE PARAMETERS AT NOMINAL VALUES. IT IS INTENDED, HOWEVER, TO PERATE THE EQUI-LIBRIUM CORE AT THE NOMINAL POWER OF 252 MWE.

2. EXCEPT FOR TWO RECENT OUTAGES CAUSED BY INSTRUMENT FAILURES AND TRANSFORMER FIRE, TOTALING THREE DAYS, THE PHENIX REACTOR CONTINUES TO OPERATE AT HIGH AVAILABILITY.

3. TO STAISFY EBF'S HOLIDAY DEMAND AND TO AVOID INCREASED USE OF EMPLOYEES DURING THE HOLIDAY PERIOD, THE SCHEDULED MID-DECEMBER REFUELING OUTAGE HAS BEEN POSTPOINED TO AFTER THE FIRST OF THE YEAR.

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4. ALMOST 150 EQUIVALENT FULL POWER DAYS HAVE BEEN ACCUMULATED

TO DATE. IT IS EXPECTED THAT BY CHRISTMAS DAY, THE PHENIX REACTOR
WILL HAVE PROVIDED ONE MILLION MWH OF ELECTRICITY. GREENWALD

NOTE BY OC/T: NOT PASSED ABOVE ADDRESSEES.

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Message Attributes

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